

ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL

Manual No.: 5-21000-OPS-GT
Procedure No.: Table of Contents, Rev 1
Page: 1 of 4
Effective Date: 10/18/91
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)

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FOR VOLUME III: GEOTECHNICAL

<u>New Proc. No.</u>	<u>Old Proc. No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.01	3.1	Logging Alluvial and Bedrock Material	1	8/30/91
GT.02	3.2	Drilling and Sampling Using Hollow Stem Auger Techniques	1	8/30/91
GT.03	3.3	Isolating Bedrock From the Alluvium with Grouted Surface Casing	1	8/30/91
DCN 91.01		Change in criteria for cement grouting	1	10/02/91
GT.04	3.4	Rotary Drilling and Rock Coring	1	8/30/91
GT.05	3.5	Plugging and Abandonment of Boreholes	1	8/30/91
GT.06	3.6	Monitoring Wells and Piezometer Installation	1	8/30/91
DCN 91.01		Industry Standard is 1 foot into Bedrock	1	10/15/91
DCN 91.02		For the Sitewide Program, Claystone Smearing does not seem to be a problem	1	10/15/91
GT.07	3.7	Logging and Sampling of Test Pits and Trenches	1	8/30/91
GT.08	3.8	Surface Soil Sampling	1	8/30/91

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

10-20-00000000

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<u>New Proc. No.</u>	<u>Old Proc. No.</u>	<u>Title</u>	<u>Rev. No.</u>	<u>Effective Date</u>
GT.09	3.9	Soil Gas Sampling and Field Analysis	1	8/30/91
GT.10	3.10	Borehole Clearing	1	8/30/91
GT.11	3.11	Plugging and Abandonment of Wells	1	8/30/91
GT.15	3.15	Geophysical Borehole Logging	1	8/30/91
DCN 91.01		No Hole will be left Unlogged at the end of the day	1	10/15/91
GT.17	3.17	Land Surveying	1	8/30/91
GT.18	3.18	Surface Geophysical Surveys	1	8/30/91
GT.19	3.19	Field Gas Chromatographs	1	8/30/91
GT.20	3.20	Procedures for Soil Interstitial Water Sampling and Sampler Installation	1	8/30/91

ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)

Procedure Number 5-21000-OPS-GT.15 Rev 1

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Title <u>Geophysical Borehole Logging</u>	Date <u>10-3-91</u>	DCN Number <u>5-21000-OPS-GT 6</u> <u>91-001</u>
Expires <u>Upon Incorporation 1/15/92</u> Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>10/15/91</u>		
Scope Limitation <u>NONE</u>		

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	4 of 5	2	Substitute "Every effort will be made to complete logging in one day." for "No hole will be left unlogged at the end of the day."

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

To minimize rig downtime, logging should begin at the earliest opportunity, even if in the afternoon. Logging should not be delayed so as to be completed in one day.

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>Longman</i>	QAPM	X	<u>10/15/91</u>	<i>Q. L. Union</i>	User	X	<u>10/14/91</u>
<i>S. W. Langman</i>	ERD	yes	<u>10/10/91</u>				

Approval of Responsible Manager <i>S. W. Langman</i>	Date <u>10/10/91</u>	Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If Yes, By What Date? <u>ASAP (10-16-91)</u>	Date Posted
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